CyberPower®

Reliability. Quality. Value.

User's Manual

BATTERY PACK (BPL48V75ART2U)

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Content

INTRODUCTION 2

OVERVIEW 2

UNPACKING 2

FEATURES INCLUDE 2

BASIC OPERATION 3

SAFETY PRECAUTIONS 3

INSTALLATION GUIDE 3

ELECTRICAL INSTALLATION GUIDE 4

TROUBLE SHOOTING 5

TECHNICAL SPECIFICATIONS 5

CUSTOMER SERVICE 6

PRODUCT REGISTRATION 6

1 YEAR LIMITED WARRANTY 6

CONFORMANCE APPROVALS 9

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Introduction

Overview:

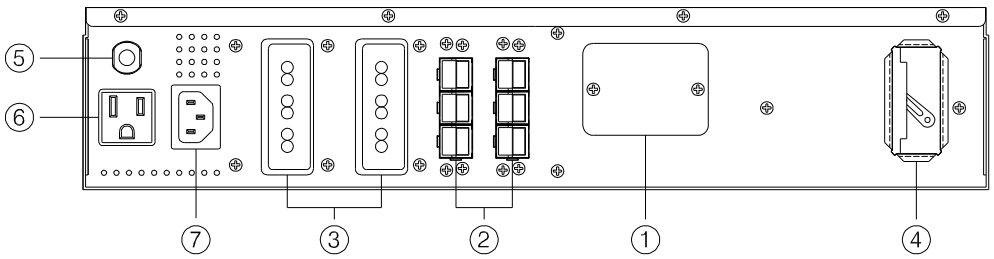
The CyberPower external battery pack (BPL48V75ART2U) supports 75A polarized plugs, and is designed for variety of CyberPower UPS systems. When combining with the UPS, the battery pack provides extended runtime with a 48V DC external connection. Additional parallel-connected battery packs provides the UPS for a longer extended runtime operation.

Unpacking:

(2) Rack mount brackets, (2) Expansion pieces for mounting stabilizers, (2) Power cords, (2) Mounting ears, (1) Register card, (1) User's manual

Features include:

- Form Factor- 2U configuration supports both rack and tower mounting.
- Metal Housing- Rigid metal construction provides greater durability and safety.



1. **On-board user-replaceable fuse cover-** User replaceable fuse is easily accessed from the rear panel.
2. **Additional Battery Pack connector sockets**
3. **Connector plug for additional Battery Packs**
4. **DC Circuit Protection-** Resettable circuit breaker that provides DC output overload protection.
5. **AC Circuit Protection-** Resettable circuit breaker that provides AC input overload protection.
6. **AC Output Outlet-** This outlet connects to the AC Input Inlet of additional battery packs.
7. **AC Input Inlet-** AC power connectivity to wall receptacle.

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Basic Operation

Safety Precautions

CAUTION! Before connecting the Battery Pack(s) to the UPS, completely turn off and unplug the main UPS from the wall receptacle.

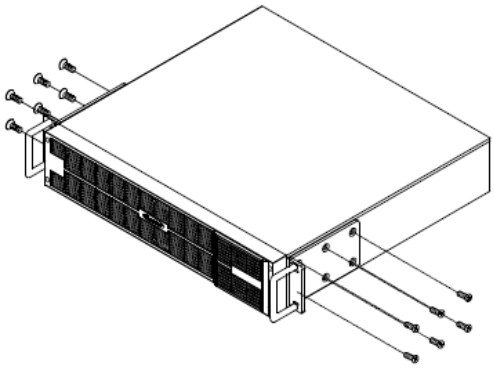
CAUTION! Do not disconnect the any Battery Packs when the UPS is turned on or plugged into a wall receptacle.

CAUTION! Do not connect the battery pack into itself.

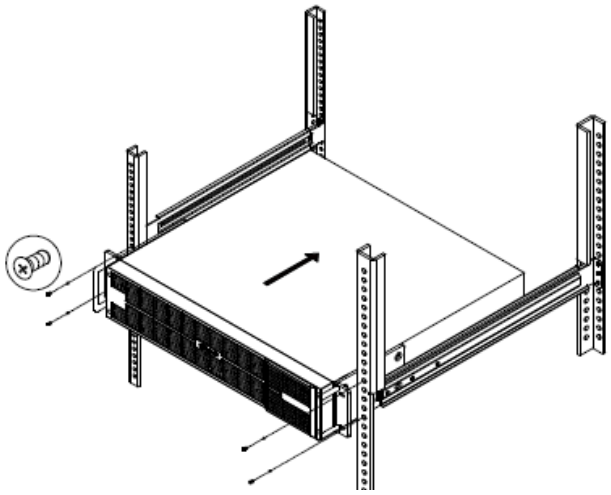
CAUTION! Before replacing the fuse, make sure the ON/OFF switch on the back of the Battery Pack to the "OFF" position.

Installation Guide

The UPS is supplied with rack mounting rails, mounting ears, and all the hardware. Follow the below steps to complete the installation.



1. Attach the two Rack mount ears to Battery Pack using the provided screws.



2. Slide the UPS into the rack system.

3. Use screws to affix the mounting ears to the rack.

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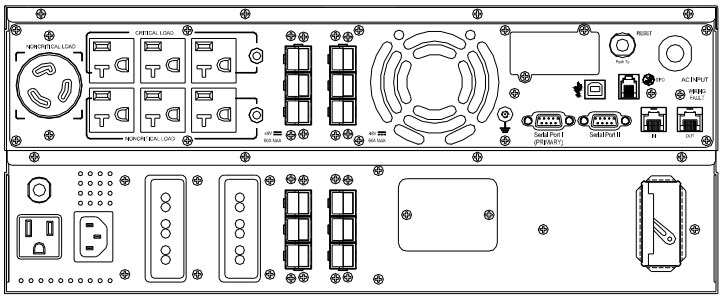
Electrical Installation Guide

CAUTION: Before connecting the Battery Pack to the UPS, make sure the Circuit Breaker (ON/OFF switch) on the back of the Battery Pack to the **"OFF"** position. It is necessary to put **two plugs** into the corresponding sockets to avoid the fire risk of over-current.

Step 1: Make sure the Circuit Breaker (ON/OFF switch) on the back of the Battery Pack to the **"OFF"** position.

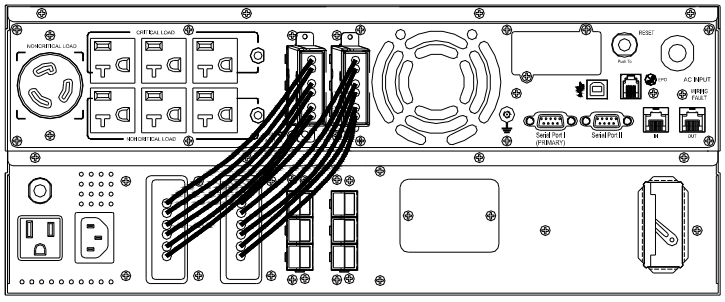
1



Step 2: Connect the Battery Pack to the UPS.

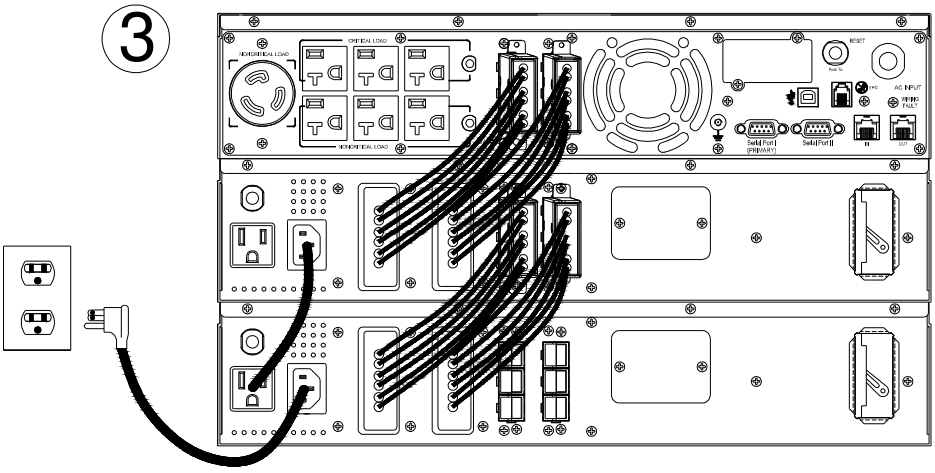
One Battery Pack

2



Multiple Battery Packs

3



Step 3: Connect the Battery Pack to wall power and connect the AC Input Inlet to the other battery pack's AC Output Outlet.

Step 4: Turn the Battery Pack power switch ON.

***For battery run time table information, visit www.CPSww.com or contact.**

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Trouble Shooting

Problem	Possible Cause	Solution
The UPS LCD does not perform expected runtime.	Do not set the UPS to recognize the battery pack(s).	By pressing the display toggle to select functions. Then, set up the correct battery pack numbers. The default setting is 0.
The battery pack does not work.	Batteries are not fully charged.	Allow the battery pack to charge for 24 hours. Do not expect full runtime during this initial charge period.
		Specified battery pack models can use AC to shorten charge time.
	The status of circuit breaker is off.	Switch on the circuit breaker.
	The fuse blew.	Contact CyberPower Systems.
		Open the cover on the rear panel and replace the new fuse.

Technical Specifications

Model	BPL48V75ART2U
Voltage	48V
Amperage	75A
Physical	
Dimensions (in)	2U Rack, 17”x23.6”x3.5”
Weight (lbs)	96
Battery	
Sealed Maintenance Free Lead Acid Battery	12V/9.0AHX12
Interface	PP75
Recharge Time	At least 8 hours
Built-in Charger	Yes
Environmental	
Operating Temperature	32℉ to104℉ (0℃ to 40℃)
Operating Relative Humidity	0 to 95%
Management	
Built-in Charger	Optional
Safety Approvals	
Certifications	FCC Class B certified, cUL, UL1778
RoHS	RoHS Compliant
Warranty	
3 year warranty, Free Tech Support	

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Customer Service

If the battery pack requests further service, please refer to the following information:

1. Call us at (877) 297-6937 or write to us at Cyber Power Systems (USA), Inc., 4241 12th Ave. E., STE 400, Shakopee, MN 55379 or send us an e-mail message at claims@cpsww.com for instructions.

2. When you contact CyberPower, identify the Product, the Purchase Date, and the item(s) of Connected Equipment. Have information on all applicable insurance or other resources of recovery/payment that are available to the Initial Customer and Request a Claim Number.

3. You must provide a dated Proof-of-Purchase receipt (or other proof of the original purchase) and provide a description of the defect.

4. Pack and ship the product to CyberPower and, if requested, the item(s) of Connected Equipment, a repair cost estimate for the damage to the Connected Equipment, and all claim forms that CyberPower provides to you. Show the Claim Number on the shipping label or include it with the product.
You must prepay all shipping costs, you are responsible for packaging and shipment, and you must pay the cost of the repair estimate.

Product Registration

CyberPower requests that you complete and return the Warranty Registration Card enclosed with the Product or register the Product at its website (www.cpsww.com) to establish that you are the Initial Customer of the Product, and therefore entitled coverage under the Limited Warranty and the Connected Equipment Guarantee. (Registration is not required for coverage, but note: if you do not register your purchase, you will be required to provide proof of purchase.)

1 Year Limited Warranty

By purchasing a recertified CyberPower UPS in the United States or Canada, the original end-user consumer purchaser (referred to as the "Initial Customer") receives a 1 Year limited warranty.

1 Year Limited Warranty.
The Initial Customer receives a 1 Year limited warranty explained below (referred to as the "1 Year Limited Warranty") for the UPS (referred to as the "UPS").

If you are the Initial Customer, you are asked to read the following terms and conditions carefully before using the UPS. By using the UPS you consent to be bound by and become a party to the terms and conditions of the 1 Year Limited Warranty provided in this document. If you do not agree to the terms and conditions of the 1 Year Limited Warranty, you should return the UPS for a full refund prior to using it.

CyberPower warrants to you, the Initial Customer, that the UPS will be free from defects in material and workmanship for 1 Year from the date of original purchase, subject to the terms of this 1 Year Limited Warranty. This 1 Year Limited Warranty gives you specific rights and you may have other rights, which vary from State to State or Province to Province.

Making a 1 Year Limited Warranty Claim.
To make a 1 Year Limited Warranty claim, you must do the following:

1. Provide proof of purchase (for example, a sales receipt) that establishes you as the Initial Customer (the original end-user consumer purchaser) of the UPS and prove that the UPS was purchased within 1 Year of the failure of the UPS.
2. Call CyberPower at (877) 297-6937 (toll free), write to CyberPower at 4241 12th Ave E,

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Suite 400, Shakopee, MN 55379, or send us an e-mail to tech@cyberpowersystems.com within TEN (10) days of the failure of the UPS.
3. When you contact CyberPower, identify the UPS by model number, serial number, provide the purchase date, and request Return Materials Authorization (RMA) information from CyberPower.
4. Pack and ship the UPS to CyberPower as instructed in your RMA. Show the RMA code on the shipping label or include it with the UPS. You MUST prepay all shipping costs and you are responsible for packaging and shipment.

What CyberPower Will Do After You Make a Claim.

CyberPower will inspect and examine the UPS. If the UPS is defective in material or workmanship, and you have complied with the terms of this 1 Year Limited Warranty, CyberPower will:

1. Repair or replace the UPS with a new or recertified UPS and return it to you at CyberPower's expense, or,
2. Refund to you the full purchase price you paid for the UPS (purchase receipt showing price paid is required) if CyberPower is unable to or decides not to repair or replace the UPS (if defective) within a reasonable time with a new or recertified UPS.

Exclusion of Consequential and Other Damages
Your exclusive remedies and CyberPower's sole obligations are those provided by this 1 Year Limited Warranty. This exclusion of other express warranties applies to written and oral express warranties.

Any Implied Warranty of Merchantability or of Fitness for a Particular Purpose, if applicable to the UPS, is limited in duration to 1 Year from the date of original purchase by the Initial Customer. This provision shall NOT create any Implied Warranty or Merchantability or of Fitness for a Particular Purpose that would not otherwise apply to the UPS. NOTE: Some States and Provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This 1 Year Limited Warranty does not cover or apply to: misuse, modification, operation or storage outside environmental limits of the UPS, a UPS in transit, in shipment, or in storage, improper operation or maintenance, or use with items not designed or intended for use with the UPS (such as laser printers, copiers, shredders, appliances, devices with motors or heating elements, etc.). You must contact CyberPower within ten (10) days of the failure of the UPS in order to make a warranty claim.

CyberPower excludes any liability for personal injury under the 1 Year Day Limited Warranty. CyberPower excludes any liability for direct, indirect, special, incidental, or consequential damages, whether for damage to or loss of property, damage to equipment connected to the UPS, loss of profits, business interruption, or loss of information or data. This exclusion applies even though damage or loss is caused by negligence or other fault. NOTE: Some States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

DO NOT USE FOR MEDICAL OR LIFE SUPPORT EQUIPMENT OR OTHER HIGH RISK ACTIVITIES.
CyberPower does not sell the UPS for use in high-risk activities. The UPS is not designed or intended for use in hazardous environments requiring fail-safe performance, including the operation of nuclear facilities, aircraft navigation or communication systems, air traffic control, weapons systems, life support or medical applications, or for use in any circumstance in which the failure of the UPS could lead directly to death, personal injury, or severe physical or property damage, or that would affect operation or safety of any medical or life support device (collectively, "High Risk Activities"). CyberPower expressly disclaims any express or implied warranty of fitness for High Risk Activities. CyberPower does not authorize use of any UPS in

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any High Risk Activities. ANY SUCH USE IS IMPROPER AND IS A MISUSE OF A CYBERPOWER UPS.

This 1 Year Limited Warranty is governed by the laws of the United States and the State of Minnesota, without reference to conflict of law principles.

The application of the United Nations Convention of Contracts for the International Sale of Goods is expressly excluded.

Contact Information: Cyber Power Systems (USA), Inc., 4241 12th Ave E, Suite 400, Shakopee, MN 55379, (877) 297-6937 (toll free). CyberPower is the warrantor under this 1 Year Limited Warranty. You may also visit CyberPower on the Internet at www.cyberpowersystems.com.

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Conformance Approvals

FCC Notice
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may cause undesired operation.

WARNING!! This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) Reorient or relocate the receiving antenna. (2) Increase the separation between the equipment and receiver. (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. (4) Consult the dealer or an experienced radio/TV technician for help. Any special accessories needed for compliance must be specified in the instruction.

The Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulation.
Cet appareil numerique de la class B respecte toutes les exigencies du Reglement sur le materiel brouilleur du Canada.

This document is believed to be accurate, but CyberPower reserves the right to change or correct the contents and does not assume any responsibility for omissions or errors.

Need Additional Help?

Feel free to contact our Tech Support department with installation, troubleshooting, or general product questions.

CyberPower Technical Support
Phone: 1-877-297-6937
Email: tech@cpsww.com
Web: www.CPSww.com
Mail: 4241 12th Avenue E, Suite 400 Shakopee, MN 55379

Hours of Operation:
Monday – Friday, 8:00am – 5:00pm (CST)

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